

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 3707  | 438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and @ad<="20001207"  | USPAT   | OR               | ON      | 2005/10/11 12:57 |
| L2    | 0     | ((438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls.) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 12:58 |
| L3    | 0     | ((("438"/\$.ccls.) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 12:58 |
| L4    | 0     | ((("257"/\$.ccls.) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 12:58 |
| L5    | 43078 | ((semiconductor) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 12:59 |
| L6    | 0     | ((("257"/\$.ccls.) same (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 12:59 |
| L7    | 68577 | ((("257"/\$.ccls.) and (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 12:59 |
| L8    | 29955 | ((("438"/\$.ccls.) and (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/11 13:00 |

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| L9  | 0    | ((("438"/\$.ccls.) same (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/11 12:59 |
| L10 | 1026 | ((semiconductor) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" and spacer and sidewall  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/11 13:32 |
| L11 | 2983 | ((("438"/\$.ccls.) and (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" and spacer and sidewall | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/11 13:00 |
| L12 | 4241 | ((("257"/\$.ccls.) and (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" and spacer and sidewall | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/11 13:00 |
| S1  | 163  | (438/256).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:18 |
| S2  | 296  | (438/279).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:19 |
| S3  | 166  | (438/399).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:19 |
| S4  | 2040 | (438/586).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:19 |

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| S5  | 414  | (438/597).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:19 |
| S6  | 211  | (438/598).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:19 |
| S7  | 139  | (438/599).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:19 |
| S8  | 113  | (438/602).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:21 |
| S9  | 2632 | (438/624).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:22 |
| S10 | 303  | (438/634).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:23 |
| S11 | 436  | (438/639).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:24 |
| S12 | 289  | (438/761).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:25 |

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| S13 | 250  | (438/767).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:27 |
| S14 | 311  | (438/593).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:28 |
| S15 | 71   | (438/343).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/18 12:45 |
| S16 | 150  | (438/366).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:38 |
| S17 | 4003 | 438/256,279,399,586,597,598,<br>599,602,624,634,639,761,767,<br>593,343,366.ccls.   | USPAT   | OR | ON  | 2005/10/11 12:57 |
| S21 | 6    | (("6013569") or ("6448192") or<br>("6489230") or ("6541358") or<br>("6437444") or ("6548357")).PN.  | USPAT;<br>USOCR   | OR | OFF | 2004/06/30 13:06 |
| S22 | 246  | 438/256,279,399,586,597,598,<br>599,602,624,634,639,761,767,<br>593,343,366.ccls. and<br>@ad<="20011207" and enclos\$6                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2003/10/15 09:27 |
| S23 | 0    | 438/256,279,399,586,597,598,<br>599,602,624,634,639,761,767,<br>593,343,366.ccls. and<br>@ad<="20011207" and enclos\$6<br>and (mesa adj region) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2003/10/15 09:22 |
| S24 | 1    | "257"/\$.ccls. and<br>@ad<="20011207" and enclos\$6<br>and (mesa adj region) and<br>(second adj insulat\$6) and (cap\$6<br>adj (layer or film)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2003/10/15 09:19 |
| S25 | 1    | "438"/\$.ccls. and<br>@ad<="20011207" and enclos\$6<br>and (mesa adj region) and<br>(second adj insulat\$6) and (cap\$6<br>adj (layer or film)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2003/10/15 09:22 |

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| S26 | 2    | 438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and @ad<="20011207" and enclos\$6 and (second adj insulat\$6) and (cap\$6 adj (layer or film))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2003/10/15 09:27 |
| S27 | 1    | semiconductor and @ad<="20011207" and enclos\$6 and (mesa adj region) and (second adj insulat\$6) and (cap\$6 adj (layer or film))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2003/10/15 09:22 |
| S28 | 2    | (438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and @ad<="20011207" and (second adj insulat\$6) and (cap\$6 adj (layer or film))) and enclos\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2003/10/20 11:45 |
| S29 | 95   | 438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and @ad<="20011207" and (second adj insulat\$6) and (cap\$6 adj (layer or film))                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB        | OR | ON  | 2003/10/15 09:28 |
| S30 | 1    | ("5549786").PN.  | USPAT; USOCR                                       | OR | OFF | 2003/10/20 13:14 |
| S31 | 1    | ("6078073").PN.  | USPAT; USOCR                                       | OR | OFF | 2005/05/11 13:34 |
| S32 | 926  | (438/151).CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/11 15:01 |
| S33 | 1048 | (438/303).CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/30 13:41 |
| S34 | 711  | (438/595).CCLS.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/06/30 13:41 |
| S35 | 1595 | 438/151,303,595,256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and @ad<="20011207" and (enclos\$6 or surround\$6)                                   | USPAT  | OR | ON  | 2004/06/30 13:51 |

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| S36 | 280  | 438/151,303,595,256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and @ad<="20011207" and (enclos\$6)                  | USPAT   | OR | ON  | 2004/06/30 13:52 |
| S37 | 2    | ((("20020072250") or ("6078073")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/05/12 07:58 |
| S38 | 4    | ((("20020072250") or ("6078073") or ("5549786") or ("6013569")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/05/12 09:14 |
| S39 | 11   | ("4997790"   "5183770"   "5338700"   "5356834"   "5366590"   "5401681"   "5545584"   "5591664"   "5691561"   "5702972"   "5763312").PN.    | USPAT   | OR | ON  | 2004/07/09 13:39 |
| S41 | 199  | (438/600).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2003/04/16 13:20 |
| S48 | 264  | (438/152).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/30 13:39 |
| S49 | 11   | ("4997790"   "5183770"   "5338700"   "5356834"   "5366590"   "5401681"   "5545584"   "5591664"   "5691561"   "5702972"   "5763312").PN.    | USPAT   | OR | ON  | 2004/06/30 13:39 |
| S51 | 1    | ("20020072250").PN.  | US-PGPUB;<br>USOCR  | OR | OFF | 2004/07/09 13:12 |
| S58 | 1803 | 438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. and (enclos\$6 or surround\$6 or clos\$4) and @ad<="20001207"    | USPAT   | OR | ON  | 2005/05/11 13:25 |
| S59 | 0    | (438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls. with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" | USPAT   | OR | ON  | 2005/05/11 13:26 |

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| S60 | 0     | ((438/256,279,399,586,597,598,599,602,624,634,639,761,767,593,343,366.ccls.) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" | USPAT | OR | ON | 2005/10/11 12:57 |
| S61 | 0     | ((("438"/\$.ccls.) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | USPAT | OR | ON | 2005/05/11 13:26 |
| S62 | 0     | ((("257"/\$.ccls.) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | USPAT | OR | ON | 2005/05/11 13:26 |
| S63 | 23838 | ((semiconductor) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | USPAT | OR | ON | 2005/05/11 13:27 |
| S64 | 2621  | ((semiconductor) with (gate or mesa) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"   | USPAT | OR | ON | 2005/05/11 13:32 |
| S65 | 70    | ((semiconductor) with ((gate or mesa) adj (enclos\$6 or surround\$6 or clos\$4))) and @ad<="20001207"  | USPAT | OR | ON | 2005/05/11 13:28 |
| S66 | 5410  | ((semiconductor) with (gate or mesa)) and ((insulat\$6 or dielectric) with (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"        | USPAT | OR | ON | 2005/05/11 13:47 |
| S68 | 1026  | ((semiconductor) with (gate or mesa)) and ((insulat\$6 or dielectric) near (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"        | USPAT | OR | ON | 2005/05/11 13:47 |
| S69 | 152   | ((semiconductor) with (gate or mesa)) and ((insulat\$6 or dielectric) adj (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"         | USPAT | OR | ON | 2005/05/11 13:58 |
| S70 | 56    | S69 and (spacer or sidewall)   | USPAT | OR | ON | 2005/05/11 14:01 |
| S71 | 0     | ((("438"/\$.ccls.) with (gate or mesa)) and ((insulat\$6 or dielectric) adj (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"       | USPAT | OR | ON | 2005/05/11 13:58 |
| S72 | 0     | ((("257"/\$.ccls.) with (gate or mesa)) and ((insulat\$6 or dielectric) adj (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207"       | USPAT | OR | ON | 2005/05/11 13:58 |

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| S73 | 214 | ((("257"/\$.ccls.) and (gate or mesa)) and ((insulat\$6 or dielectric) adj (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" | USPAT   | OR | ON  | 2005/05/11 14:00 |
| S74 | 96  | ((("438"/\$.ccls.) and (gate or mesa)) and ((insulat\$6 or dielectric) adj (enclos\$6 or surround\$6 or clos\$4)) and @ad<="20001207" | USPAT   | OR | ON  | 2005/05/11 13:59 |
| S75 | 99  | S73 and (spacer or sidewall)  | USPAT   | OR | ON  | 2005/05/11 14:34 |
| S76 | 59  | S74 and (spacer or sidewall)  | USPAT   | OR | ON  | 2005/05/11 14:01 |
| S78 | 119 | (438/764).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/05/11 15:01 |
| S79 | 6   | ((("20020072250") or ("6078073") or ("5549786") or ("6013569") or ("5401681") or ("6548357")).PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/05/12 09:15 |